TECHNICAL DATA SHEET

Key Banner - 13 oz

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 06/02/15

Features and Applications:

Key Banner is a white, opaque, front-lit banner. It is both tear and fade resistant, and is specially formulated to resist curling. Key Banner is available in both a matte and gloss finish. This smooth, scrim banner is weather resistant and printable with solvent and UV inks. Roll widths from 30" to 196"" are available. Key Banner is listed on HP/Scitex's approved media list.

Specifications:

The following information on the physical and chemical characteristics of this product is based on tests believed to be reliable. The values are provided solely as a source of information. This information is given without a guarantee and does not establish a warranty. It is the responsibility of the purchaser/user to determine, prior to use, if this product is suitable for his/her use.

Properties	Test Method	Unit	Result
Transmittance	ASTM E 424 6.5.2	%	13.7
Tensile Strength	ISO 13934-1:1999 C.R.E. Cut Strip Method	KGF/5CM	L: 90.1 W: 89.3
Tearing Strength	ISO 13937-2:2000 C.R.E. Cut Strip Method	KGF	L: 7.1 W: 5.0
Elongation	ISO 13934-2:2000 C.R.E. Cut Strip Method	%	L: 14.9 W: 31.2
Adhesion Strength	ISO 2411.C.R.R	KGF/5CM	13.2
Flexing Endurance at Low Temp	DIN53351	Cycles	17000
Resistance to Low Temp	DIN53351		-20 degrees C
Resistance to High Temp	DIN53351		80 degrees C
Resistance to Weathering	ASTM G26, Xenon ARClamp, 18 min Spray/2 hr, 100 hr exp		No Change
Practice for operating light-exp, with and without water	ASTM G26, Method A, Type B Weather-O-Meter	Grade	4
Fire Resistant	Fire Test NFPA 701		Approved

GRIMCO

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TEST REPORT

APPLICANT : GRIMCO

REPORT NO. : H216-10-00019
SAMPLE RECEIVED DATE : 2010-01-05
TEST STARTED DATE : 2010-01-05
REPORT ISSUED DATE : 2010-01-11
PAGE : 1 OF 3

SAMPLE DESCRIPTION : TWO(2) PIECES OF SUBMITTED CUTTING SAID TO BE SHEET.

ITEM : #1 KEY BANNER 13OZ FRONTLIT, #2 KEY BANNER 15OZ BLOCKOUT

TEST CONDUCTED : AS REQUESTED BY THE APPLICANT, FOR DETAILS PLEASE SEE ATTACHED PAGES.

PREPARED AND CHECKED BY
FOR FITI

SANG SOO, HAN
QUALITY MANAGER

AUTHORIZED BY
FOR FITI

MOON-OK NOH
EXECUTIVE DIRECTOR

e-DOCUMENT SERVICE

The test results contained in this report are limited to results on the sample(s) that is provided by the client and are not necessarily indicative or representative of the qualities of the lot from which the sample(s) was taken or of all products. Results contained in this report are not based on the quality certification of sample by the FITI quality certification program unless specifically requested by the client. Further use of the results of this report is prohibited unless allowed under a separate agreement set forth in an official document that is established between the client identified on this letter and the FITI.

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TEST CONDUCTED **TEST RESULT**

(01) FLAMMABILITY (NFPA 701 TEST-1(2004))

#1

SAMPLE NO.	WEIGHT(g)		WEIGHT LOSS(%)	AFTER FLAME TIME(s)	DRIP BURN(s)
	ORIGINAL	AFTER TEST			
1	26.2	24.2	7.6	0.0	0.0
2	26.1	24.6	5.7	0.0	0.0
3	26.2	24.1	8.0	0.0	0.5
4	26.1	24.2	7.3	0.0	0.0
5	26.1	24.3	6.9	0.0	0.5
6	26.1	24.4	6.5	0.0	0.5
7	26.2	25.1	4.2	0.0	0.0
8	26.2	24.3	7.3	0.0	0.0
9	26.1	24.6	5.7	0.0	0.5
10	26.2	24.3	7.3	0.0	0.5
AVG.	26.2	24.4	6.7	0.0	0.3

NOTE) · CONCLUSION : BASED UPON THE RESULTS OF THE TEST REPORT, THE SUBMITTED SAMPLE MEETS THE PERFORMANCE REQUIREMENT AS STATED IN NFPA 701 TEST-1(2004).

· PERFORMANCE CRITERIA FOR TEST 1

DRIP BURN(s)	WEIGHT LOSS(%)	NO INDIVIDUAL SPECIMEN'S WEIGHT LOSS EXCEED THE MEAN VALUE PLUS 3 STANDARD DEVIATION 10.1 (STANDARD DEVIATION = 1.14)
AVG. : LESS THAN 2	AVG. : LESS THAN 40	

· TEST WAS CONDUCTED ONLY IN THE ORIGINAL STATE BY THE CLIENT'S REQUEST.

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TEST CONDUCTED **TEST RESULT**

(01) DITTO

#2

SAMPLE NO.	WEIGHT(g)		WEIGHT LOSS(%)	AFTER FLAME TIME(s)	DRIP BURN(s)
	ORIGINAL	AFTER TEST			
1	30.2	28.6	5.3	0.0	0.5
2	30.2	29.1	3.6	3.5	0.0
3	30.3	28.7	5.3	0.0	0.5
4	30.3	28.8	5.0	2.0	0.0
5	30.2	28.5	5.6	1.5	0.5
6	30.1	29.1	3.3	2.5	1.0
7	30.2	29.4	2.6	0.0	0.0
8	30.3	29.0	4.3	1.0	0.0
9	30.3	28.8	5.0	3.5	0.0
10	30.2	28.4	6.0	2.0	0.5
AVG.	30.2	28.8	4.6	1.6	0.3

NOTE) · CONCLUSION : BASED UPON THE RESULTS OF THE TEST REPORT, THE SUBMITTED SAMPLE MEETS THE PERFORMANCE REQUIREMENT AS STATED IN NFPA 701 TEST-1(2004).

· PERFORMANCE CRITERIA FOR TEST 1

DRIP BURN(s)	WEIGHT LOSS(%)	NO INDIVIDUAL SPECIMEN'S WEIGHT LOSS EXCEED THE MEAN VALUE PLUS 3 STANDARD DEVIATION 7.8 (STANDARD DEVIATION = 1.08)
AVG. : LESS THAN 2	AVG. : LESS THAN 40	

· TEST WAS CONDUCTED ONLY IN THE ORIGINAL STATE BY THE CLIENT'S REQUEST.

SAMPLE ; #1 #2

e-DOCUMENT SERVICE

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